## **PATENT COOPERATION TREATY**

# **PCT**

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| Applicant's or agent's file reference   | FOR FURTHER  | see Form PCT/ISA/220                                    |
|---|--|---|
| 1941,001WO1   |  | well as, where applicable, item 5 below.                |
| international application No.   | International filing date (day/month/year)   | (Earliest) Priority Date (day/month/year)               |
| PCT/US2005/012028   | 12/04/2005   | 15/04/2004  |
| Applicant   |  |   |
|   |  |   |
| SAMARITAN PHARMACEUTICALS,  | INC.   |   |
| This International Search Report has been according to Article 18. A copy is being tra                  | n prepared by this International Searching insmitted to the International Bureau.      | Authority and is transmitted to the applicant           |
| This International Search Report consists   | of a total of sheets.  |   |
| X It is also accompanied by   | a copy of each prior art document cited in   | this report.  |
| Basis of the report     a. With regard to the language, the is language in which it was filed, unknown. | nternational search was carried out on the<br>ass otherwise indicated under this item. | basis of the international application in the           |
| The international s<br>this Authority (Rul  | search was carried out on the basis of a tra<br>e 23.1(b)).                            | anslation of the international application furnished to |
| b. With regard to any nucleo  | tide and/or amino acid sequence disclo   | sed in the international application, see Box No. I.    |
| 2. Certain claims were four   | d unsearchable (See Box II).   |   |
| 3. Unity of invention is lack   | ing (see Box III).   |   |
| 4. With regard to the title,  |  |   |
| the text is approved as sub   | •  |   |
| <del></del>   | ned by this Authority to read as follows:  | THE MENT AND ASSESSED AS A SECOND ASSESSED AS           |
| DISEASE   | INIL) (PHENIL) MEIHANONES  | IN THE TREATMENT OF ALZHEIMER'S                         |
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|   |  |   |
| E With regard to the about  |  |   |
| <ol> <li>With regard to the abstract,</li> <li>The text is approved as sub</li> </ol>                   | omitted by the applicant.  |   |
| the text has been establish   | ed, according to Rule 38.2(b), by this Auth  | nority as it appears in Box No. IV. The applicant       |
| may, within one month from  | n the date of mailing of this international s  | earch report, submit comments to this Authority.        |
| 6. With regard to the drawings,   |  | :   |
| a. the figure of the <b>drawings</b> to be pu   | blished with the abstract is Figure No   |   |
| as suggested by th  | • •  |   |
| <b>=</b> .  | Authority, because the applicant failed to   | '   |
|   | Authority, because this figure better chara<br>published with the abstract.            | ucienzes ine invention.                                 |
|   |  |   |

Form PCT/ISA/210 (first sheet) (January 2004)

International Application No PCT/US2005/012028

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K31/495 A61F Ä61P25/28 C07D295/18 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) A61K C07D A61P Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, BIOSIS, WPI Data, CHEM ABS Data, BEILSTEIN Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Category.º Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Ρ,Χ, WO 2004/108666 A (SAMARITAN 1 - 27PHARMACEUTICALS; GEORGETOWN UNIVERSITY; LECANU, LAURENT; GRE) 16 December 2004 (2004-12-16) page 5, lines 21-23; compound SP008 figure 1; compound SP016 -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention 'E' earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but \*&\* document member of the same patent family later than the priority date claimed Date of the actual completion of the international search Date of mailing of the international search report 20 October 2005 27/10/2005 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 Kollmannsberger, M

| Cotegory* Citation of document, with indication, where appearship, of the relevant passages  P, X  LECANU L ET AL: "Identification, design, synthesis, and pharmacological activity of (4-ethyl-plperparin-l-y1)-phenylmethanone derivatives with neuroprotective properties against beta-amyloid-induced toxicity* NEUROPHARMACOLOGY, PERGAMON PRESS, OXFORD, 6B, vol. 49, no. 1, July 2005 (2005-07), pages 86-96, XP004963513  ISSN: 0028-3908  the whole document  P, X  WO 2004/035556 A (GLAXO GROUP LIMITED; ANCLIFF, RACHAEL; ELDRED, COLIN, DAVID; FOGDEN, Y) 29 April 2004 (2004-04-29)  claim 7  examples 1-11,32-47  A  US 5 693 804 A (DEBERNARDIS ET AL) 2 December 1997 (1997-12-02)  column 5, line 50 - column 6, line 31  A  WO 01/07435 A (MERCK PATENT GMBH; BOETTCHER, HENNING; GREINER, HARTMUT; HARTING, JUER) 1 February 2001 (2001-02-01)  claims  A  US 2004/034019 A1 (TOMLINSON RONALD ET AL) 19 February 2004 (2004-02-19)  examples 56,57  X  DE 23 04 155 A1 (ICHTHYOL-GESELLSCHAFT CORDES, HERMANNI & CO, 2000 HAMBURG) 1 August 1974 (1974-08-01)  claims 1,7  table 1  example S  X  YUNG D ET AL: "POTENTIAL ANTI ARRHYTHIC AGENTS SYNTHESIS AND PHARMACOLOGICAL EVALUATION OF SOME PIPERAZINE HYDRO CHLORDE 1 N PROPYL-4-P-METHOXYBENZOYL PIPERAZINE HYDRO CHLORDE 1 N PROPYL-4-BENZOYL PIPERAZINE HYDRO CHLORDE 1 N PROPYL-3-BENZOYL PIPERAZINE HYDRO CHLORDE 1 N PROPY | C.(Continu | ation) DOCUMENTS CONSIDERED TO BE RELEVANT   | 1017 0320037 012028   |
|--|------------|--|-----------------------|
| synthesis, and pharmacological activity of (4-ethyl-piperazin-1-yl)-phenylmethanone derivatives with neuroprotective properties against beta-amyloid-induced toxicity" NEUROPHARMACOLOGY, PERGAMON PRESS, OXFORD, 6B, voi. 49, no. 1, July 2005 (2005-07), pages 86-96, XP004963513 ISSN: 0028-3908 the whole document  P,X  WO 2004/035556 A (GLAXO GROUP LIMITED; ANCLIFF, RACHAEL; ELDRED, COLIN, DAVID; FGODEN, Y) 29 April 2004 (2004-04-29) claim 7 examples 1-11,32-47  A  US 5 693 804 A (DEBERNARDIS ET AL) 2 December 1997 (1997-12-02) column 5, line 50 - column 6, line 31  A  WO 01/07435 A (MERCK PATENT GMBH; BOETTCHER, HENNING; GREINER, HARTMUT; HARTING, JUER) 1 February 2001 (2001-02-01) claims  A  US 204/034019 Al (TOMLINSON RONALD ET AL) 19 February 2004 (2004-02-19) examples 56,57  DE 23 04 155 Al (ICHTHYOL-GESELLSCHAFT CORDES, HERMANNI & CO, 2000 HAMBURG) 1 August 1974 (1974-08-01) claims 1,7 table 1 examples  X  YUNG D K ET AL: "POTENTIAL ANTI ARRHYTHMIC AGENTS SYNTHESIS AND PHARMACOLOGICAL EVALUATION OF SOME PIPERAZINE AND ETHYLENEDIAMINE ANALOGS OF PROCAINAMIDE 1 N PROPYL-4-BENZOYL PIPERAZINE HYDRO CHLORIDE 1 N BUTYL-4-BENZOYL PIPERAZINE HYDRO CHLORIDE 1 N PROPYL-4-P" JOURNAL OF PHARMACEUTICAL SCIENCES, vol. 57, no. 12, 1968, pages 2073-2080, XP009055767 ISSN: 0022-3549 table III   | Category ° | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
| ANCLIFF, RACHAEL; ELDRED, COLIN, DAVIĎ; FOGDEN, Y) 29 April 2004 (2004-04-29) claim 7 examples 1-11,32-47  A US 5 693 804 A (DEBERNARDIS ET AL) 2 December 1997 (1997-12-02) column 5, line 50 - column 6, line 31  A WO 01/07435 A (MERCK PATENT GMBH; BOETTCHER, HENNING; GREINER, HARTMUT; HARTING, JUER) 1 February 2001 (2001-02-01) claims  A US 2004/034019 Al (TOMLINSON RONALD ET AL) 19 February 2004 (2004-02-19) examples 56,57  X DE 23 04 155 Al (ICHTHYOL-GESELLSCHAFT CORDES, HERMANNI & CO, 2000 HAMBURG) 1 August 1974 (1974-08-01) claims 1, table 1 examples  X YUNG D K ET AL: "POTENTIAL ANTI ARRHYTHMIC AGENTS SYNTHESIS AND PHARMACOLOGICAL EVALUATION OF SOME PIPERAZINE AND ETHYLENEDIAMINE ANALOGS OF PROCAINAMIDE 1 N PROPYL-4-BENZOYL PIPERAZINE HYDRO CHLORIDE 1 N PROPYL-4-P-METHOXYBENZOYL PIPERAZINE HYDRO CHLORIDE 1 N BUTYL-4-BENZOYL PIPERAZINE HYDRO CHLORIDE 1 N PROPYL-4-P" JOURNAL OF PHARMACEUTICAL SCIENCES, vol. 57, no. 12, 1968, pages 2073-2080, XP009055767 ISSN: 0022-3549 table III   | P,X        | synthesis, and pharmacological activity of (4-ethyl-piperazin-1-yl)-phenylmethanone derivatives with neuroprotective properties against beta-amyloid-induced toxicity"  NEUROPHARMACOLOGY, PERGAMON PRESS, OXFORD, GB, vol. 49, no. 1, July 2005 (2005-07), pages 86-96, XP004963513 ISSN: 0028-3908   | 1-27                  |
| 2 December 1997 (1997-12-02) column 5, line 50 - column 6, line 31  A WO 01/07435 A (MERCK PATENT GMBH; BOETTCHER, HENNING; GREINER, HARTMUT; HARTING, JUER) 1 February 2001 (2001-02-01) claims  A US 2004/034019 A1 (TOMLINSON RONALD ET AL) 19 February 2004 (2004-02-19) examples 56,57  X DE 23 04 155 A1 (ICHTHYOL-GESELLSCHAFT CORDES, HERMANNI & CO, 2000 HAMBURG) 1 August 1974 (1974-08-01) claims 1,7 table 1 examples  X YUNG D K ET AL: "POTENTIAL ANTI ARRHYTHMIC AGENTS SYNTHESIS AND PHARMACOLOGICAL EVALUATION OF SOME PIPERAZINE AND ETHYLENEDIAMINE ANALOGS OF PROCAINAMIDE 1 N PROPYL-4-BENZOYL PIPERAZINE HYDRO CHLORIDE 1 N BUTYL-4-BENZOYL PIPERAZINE HYDRO CHLORIDE 1 N PROPYL-4-P" JOURNAL OF PHARMACEUTICAL SCIENCES, vol. 57, no. 12, 1968, pages 2073-2080, XP009055767 ISSN: 0022-3549 table III  | P,X        | ANCLIFF, RACHAEL; ELDRED, COLIN, DAVID;<br>FOGDEN, Y) 29 April 2004 (2004-04-29)<br>claim 7  | 1-27                  |
| BOETTCHER, HENNING; GREINER, HARTMUT; HARTING, JUER)  1 February 2001 (2001-02-01) claims  A US 2004/034019 A1 (TOMLINSON RONALD ET AL) 19 February 2004 (2004-02-19) examples 56,57  DE 23 04 155 A1 (ICHTHYOL-GESELLSCHAFT CORDES, HERMANNI & CO, 2000 HAMBURG) 1 August 1974 (1974-08-01) claims 1,7 table 1 examples  X YUNG D K ET AL: "POTENTIAL ANTI ARRHYTHMIC AGENTS SYNTHESIS AND PHARMACOLOGICAL EVALUATION OF SOME PIPERAZINE AND ETHYLENEDIAMINE ANALOGS OF PROCAINAMIDE 1 N PROPYL-4-BENZOYL PIPERAZINE HYDRO CHLORIDE 1 N BUTYL-4-BENZOYL PIPERAZINE HYDRO CHLORIDE 1 N PROPYL-4-P-METHOXYBENZOYL PIPERAZINE HYDRO CHLORIDE 1 N DURNAL OF PHARMACEUTICAL SCIENCES, vol. 57, no. 12, 1968, pages 2073-2080, XP009055767 ISSN: 0022-3549 table III  | A          | 2 December 1997 (1997-12-02)   | 1-27                  |
| 19 February 2004 (2004-02-19) examples 56,57  DE 23 04 155 A1 (ICHTHYOL-GESELLSCHAFT CORDES, HERMANNI & CO, 2000 HAMBURG) 1 August 1974 (1974-08-01) claims 1,7 table 1 examples  YUNG D K ET AL: "POTENTIAL ANTI ARRHYTHMIC AGENTS SYNTHESIS AND PHARMACOLOGICAL EVALUATION OF SOME PIPERAZINE AND ETHYLENEDIAMINE ANALOGS OF PROCAINAMIDE 1 N PROPYL-4-BENZOYL PIPERAZINE HYDRO CHLORIDE 1 N BUTYL-4-BENZOYL PIPERAZINE HYDRO CHLORIDE 1 N PROPYL-4-P-METHOXYBENZOYL PIPERAZINE HYDRO CHLORIDE 1 N PROPYL-4-P" JOURNAL OF PHARMACEUTICAL SCIENCES, vol. 57, no. 12, 1968, pages 2073-2080, XP009055767 ISSN: 0022-3549 table III   | A          | BOETTCHER, HENNING; GREINER, HARTMUT;<br>HARTING, JUER)<br>1 February 2001 (2001–02–01)  | 1-27                  |
| CORDES, HERMANNI & CO, 2000 HAMBURG)  1 August 1974 (1974-08-01)  claims 1,7  table 1  examples  YUNG D K ET AL: "POTENTIAL ANTI ARRHYTHMIC AGENTS SYNTHESIS AND PHARMACOLOGICAL EVALUATION OF SOME PIPERAZINE AND ETHYLENEDIAMINE ANALOGS OF PROCAINAMIDE 1 N PROPYL-4-BENZOYL PIPERAZINE HYDRO CHLORIDE 1 N BUTYL-4-BENZOYL PIPERAZINE HYDRO CHLORIDE 1 N PROPYL-4-P-METHOXYBENZOYL PIPERAZINE HYDRO CHLORIDE 1 N PROPYL-4-P" JOURNAL OF PHARMACEUTICAL SCIENCES, vol. 57, no. 12, 1968, pages 2073-2080, XP009055767 ISSN: 0022-3549 table III  | A          | 19 February 2004 (2004-02-19)  | 1-27                  |
| ARRHYTHMIC AGENTS SYNTHESIS AND PHARMACOLOGICAL EVALUATION OF SOME PIPERAZINE AND ETHYLENEDIAMINE ANALOGS OF PROCAINAMIDE 1 N PROPYL-4-BENZOYL PIPERAZINE HYDRO CHLORIDE 1 N BUTYL-4-BENZOYL PIPERAZINE HYDRO CHLORIDE 1 N PROPYL-4-P-METHOXYBENZOYL PIPERAZINE HYDRO CHLORIDE 1 N PROPYL-4-P" JOURNAL OF PHARMACEUTICAL SCIENCES, vol. 57, no. 12, 1968, pages 2073-2080, XP009055767 ISSN: 0022-3549 table III   | X          | CORDES, HERMANNI & CO, 2000 HAMBURG) 1 August 1974 (1974-08-01) claims 1,7 table 1   | 25                    |
| _/   | X          | ARRHYTHMIC AGENTS SYNTHESIS AND PHARMACOLOGICAL EVALUATION OF SOME PIPERAZINE AND ETHYLENEDIAMINE ANALOGS OF PROCAINAMIDE 1 N PROPYL-4-BENZOYL PIPERAZINE HYDRO CHLORIDE 1 N BUTYL-4-BENZOYL PIPERAZINE HYDRO CHLORIDE 1 N PROPYL-4-P-METHOXYBENZOYL PIPERAZINE HYDRO CHLORIDE 1 N PROPYL-4-P" JOURNAL OF PHARMACEUTICAL SCIENCES, vol. 57, no. 12, 1968, pages 2073-2080, XP009055767 ISSN: 0022-3549 table III | 25                    |
|  |            | -/   |                       |

| C.(Continu | lation) DOCUMENTS CONSIDERED TO BE RELEVANT   |                       |
|------------|---|-----------------------|
| Category ° | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
| X          | FUKUSHI H ET AL: "SYNTHESIS AND PLATELET-ACTIVATING FACTOR (PAF)-ANTAGONISTIC ACTIVITIES OF 1,4-DISUBSTITUTED PIPERAZINE DERIVATIVES" CHEMICAL AND PHARMACEUTICAL BULLETIN, PHARMACEUTICAL SOCIETY OF JAPAN, TOKYO, JP, vol. 42, no. 3, March 1994 (1994-03), pages 541-550, XP001118308 ISSN: 0009-2363 compound 2B table 1; compounds 2A-2M   | 25                    |
| X          | YOUNES-EL-HAGE S ET AL: "SYNTHESE ET ETUDE DE L'ACTIVITE ANTIDEPRESSIVE D'ARYL ET HETEROARYL CARBOXAMIDES DE LA BENZYLPIPERAZINE SYNTHESIS AND ANTIDEPRESSIVE ACTIVITY STUDY OF ARYL AND HETEROARYL CARBOXAMIDES OF BENZYLPIPERAZINE" ANNALES PHARMACEUTIQUES FRANCAISES, MASSON, PARIS, FR, vol. 58, no. 4, 2000, pages 254-259, XP008031993 ISSN: 0003-4509 table 1; compounds 1-14,23,24,27-42 | 25                    |
| X          | YOUNES S ET AL: "Synthesis and structure-activity relationships of novel arylalky! 4-benzyl piperazine derivatives as sigma site selective ligands" EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, EDITIONS SCIENTIFIQUE ELSEVIER, PARIS, FR, vol. 35, no. 1, January 2000 (2000-01), pages 107-121, XP004350211 ISSN: 0223-5234 compound 5   | 25                    |
| X          | BAZIARD-MOUYSSET G ET AL: "Synthesis and structure-activity relationships of novel 2-amino alkyl chromones and related derivatives as sigma site-selective ligands" EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, EDITIONS SCIENTIFIQUE ELSEVIER, PARIS, FR, vol. 33, no. 5, June 1998 (1998-06), pages 339-347, XP004127366 ISSN: 0223-5234 table 1; compound 21                                      | 25                    |
|            |   |                       |

| C/Canting  | Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT   |              |                       |  |  |
|------------|---|--------------|-----------------------|--|--|
| Category ° | Citation of document, with indication, where appropriate, of the relevant passages  | <del> </del> | Delevent to also Ma   |  |  |
| Jaiogory   | onation of document, with mancation, where appropriate, of the relevant passages  |              | Relevant to claim No. |  |  |
|            | CARCELLER E ET AL: "(PYRIDYLCYANOMETHYL)PIPERAZINES AS ORALLY ACTIVE PAF ANTAGONISTS" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 35, no. 22, 1992, pages 4118-4134, XP002044180 ISSN: 0022-2623 table 1; compound 34 |              | 25                    |  |  |
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International application No. PCT/US2005/012028

#### INTERNATIONAL SEARCH REPORT

| Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)   |    |
|--|----|
| This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons  | :  |
| 1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:   |    |
| Although claims 1-24, 26 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleg effects of the compound/composition.                                       | ed |
| Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: |    |
|  |    |
|  |    |
| 3. Laims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).   |    |
| Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)   |    |
| This International Searching Authority found multiple inventions in this international application, as follows:  |    |
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| • •  |    |
| 1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.  |    |
| 2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.  |    |
|  |    |
| 3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:                    |    |
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| 4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:        | ,  |
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| Remark on Protest The additional search fees were accompanied by the applicant's protest.  | -  |
| No protest accompanied the payment of additional search fees.  |    |
| <del></del>  |    |

Information on patent family members

| Patent document cited in search report |       | Publication date |  | Patent family member(s)  |  | Publication date   |
|--|-------|------------------|--|--|--|--|
| WO 2004108666                          | Α     | 16-12-2004       | NONE   |  |  |  |
| WO 2004035556                          | A     | 29-04-2004       | AU<br>BR<br>CA<br>EP   | 2003280380 A<br>0315283 A<br>2502249 A<br>1567511 A  | \<br>\1  | 04-05-2004<br>30-08-2005<br>29-04-2004<br>31-08-2005   |
| US 5693804                             | A<br> | 02-12-1997       | AU<br>AU<br>EP<br>JP<br>WO   | 711703 B<br>4238796 A<br>0792269 A<br>10510248 T<br>9616052 A  | 1<br>12  | 21-10-1999<br>17-06-1996<br>03-09-1997<br>06-10-1998<br>30-05-1996   |
| WO 0107435                             | A     | 01-02-2001       | AT<br>AU<br>BR<br>CA<br>CN<br>CZ<br>DE<br>DK<br>EP<br>ES<br>HU<br>JP<br>MX<br>NO<br>PL<br>SS<br>SS<br>SS<br>SS<br>SS<br>SS<br>SS<br>SS<br>SS<br>SS<br>SS<br>SS<br>SS | 236877 T 770411 B 6270400 A 0012607 A 2383779 A 1364157 A 20020068 A 19934433 A 1198453 T 1198453 T 0201988 A 2003505458 T PA02000730 A 20020307 A 353446 A 1198453 T 512002 A 6838461 B 200201486 A | 1<br>1<br>3<br>1<br>3<br>2<br>3<br>2<br>3<br>1 | 15-04-2003<br>19-02-2004<br>13-02-2001<br>09-04-2002<br>01-02-2001<br>14-08-2002<br>17-04-2002<br>25-01-2001<br>21-07-2003<br>24-04-2002<br>16-10-2003<br>28-11-2002<br>12-02-2003<br>20-08-2002<br>21-03-2002<br>17-11-2003<br>29-08-2003<br>09-05-2002<br>04-01-2005<br>21-05-2003 |
| US 2004034019                          | A1    | 19-02-2004       | NONE   |  |  |  |
| DE 2304155                             | A1    | 01-08-1974       | BE<br>ES<br>FR<br>GB<br>JP<br>NL   | 810293 A1<br>422738 A1<br>2215236 A1<br>1434323 A<br>50005389 A<br>7401215 A   | 1  | 16-05-1974<br>01-08-1976<br>23-08-1974<br>05-05-1976<br>21-01-1975<br>31-07-1974   |